PROGRAM MANAGER, AMMUNITION

MARINE CORPS SYSTEMS COMMAND

CORPORATE BRIEF

- Procurement
- Delivery
- Training
- Malfunction
- Suspension
- Reclassification
- Shipment
- Maintenance
- Testing
- Use/Demil
- Costs

Mission Statement

Conduct limited research, development, and acquisition, and execute life cycle management support for all conventional ground ammunition (Class V(W)) required by Marine Corps Forces to train for, and successfully conduct Expeditio Maneuver Warfare.

Munitions Requirements Process (MCCDC)

SUPPLY CLASS V (W)

Commodity Perspective

USMC Supply Class V (W) ....

...is Ground Conventional Ammunition comprised

337 + DODIC's (not TAMCNs) in broad families consi

- **Small Arms Ammunition** - (9mm, 5.56mm, 7.62mm, .50 Caliber, NL, SESAMS)

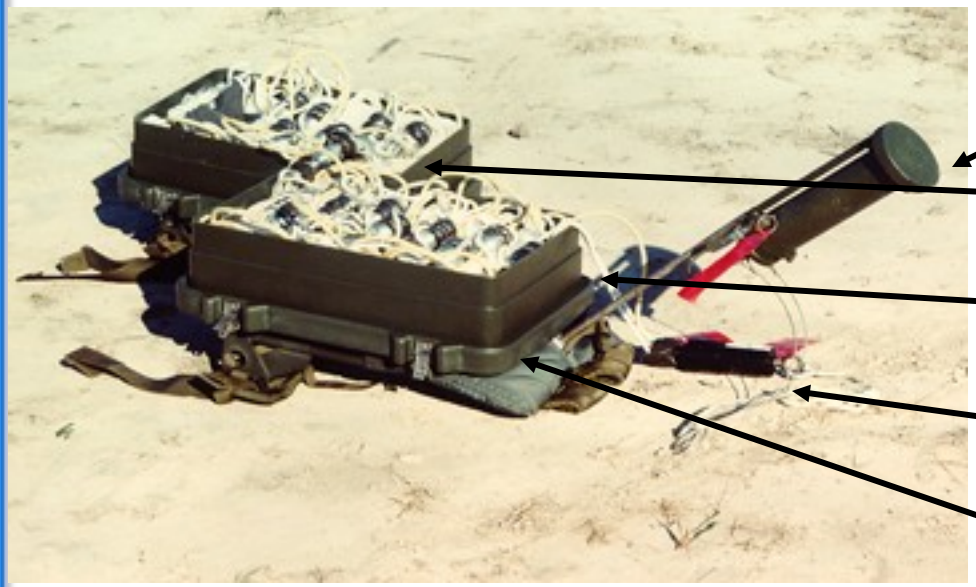
  (Belted f/MGs, tracer, Sniper, frangible, green (environmentally friendly))
- **Medium Caliber Ammunition** - (25mm, 30mm, 40mm)
- **Mortar** - 60mm, 81mm (HE, Smoke,Illum)
- **Tank** - 120mm (KE, HEAT, TP)
- **Artillery** – 105mm, 155mm (HE, DPICM, ADAMS, RAAMS, RAP,Smoke, Illum, COPPERHEAD) + (Propellant Chgs, fuzes, primers)
- **Pyrotechnics** - (Smoke grenades, flares, obscurants, signaling devices)
- **Demolition** - (C4, TNT blocks, LDC, Initiators/ignitors)
- **Rockets/Missiles** - (SMAW, TOW, JAVELIN, AT-4(CS), STINGER)

- **But, Not Class V(A) Aviation Ordnance – DC, Aviation**
- **<u>Designed to Kill and Destroy</u>** - Personnel & Mater

USMC Supply Class V (W) *(con't)*

- Accounted for as "Non-Expendable Items" - MCO P4400.150E
- Degradation impacts - Extensive maintenance & surveillance
- Consists of thousands of NSN's w/individual Lots per configur
  - each all-up configuration has numerous LOT data points:

- **All Up Configuration: DODIC: MN79 (APOBS) w/NSN/LO**



- **Hundreds of Thousands of Data Points - All must be tracked !!**

Class V (W) - Requirements

- **MCO 8000.7 Capabilities Based Munitions Requirements Process**

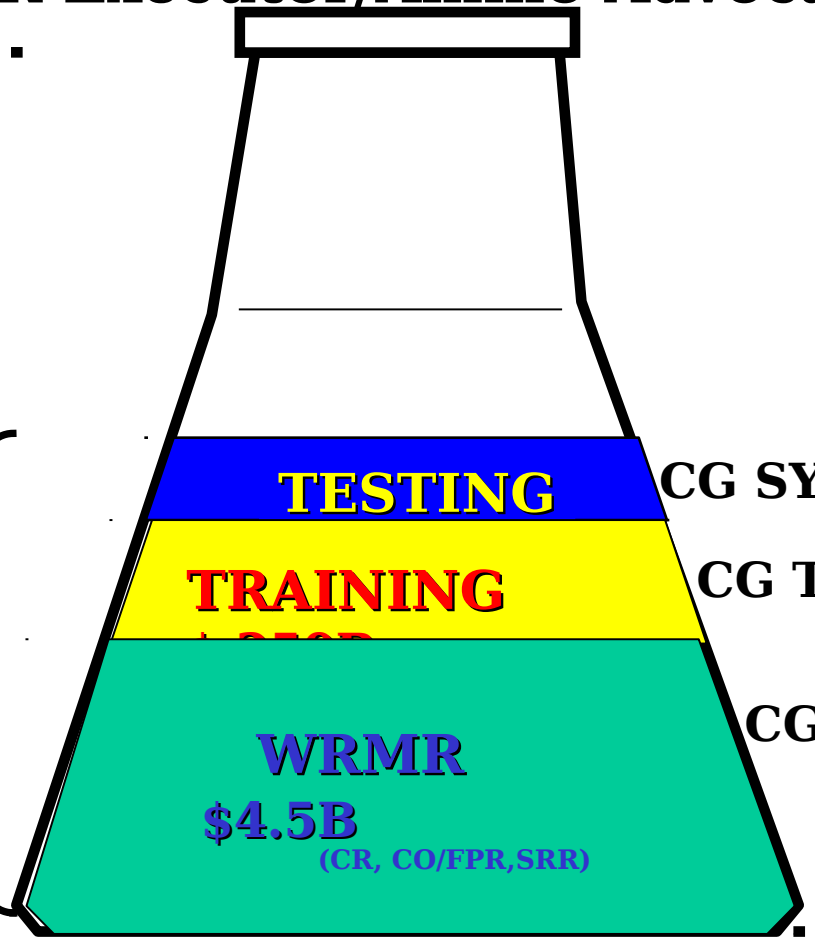
CBMR Executor/Ammo Advocate

COMBAT REQMT (CR)
(2MCOs, 3 MEB's,& Small Scale Contingencies)

CURRENT OPERATIONS /FORWARD PRESENCE REQUIREMENT:
(CO/FPR)
(5 MEU's, 3 ACM's)

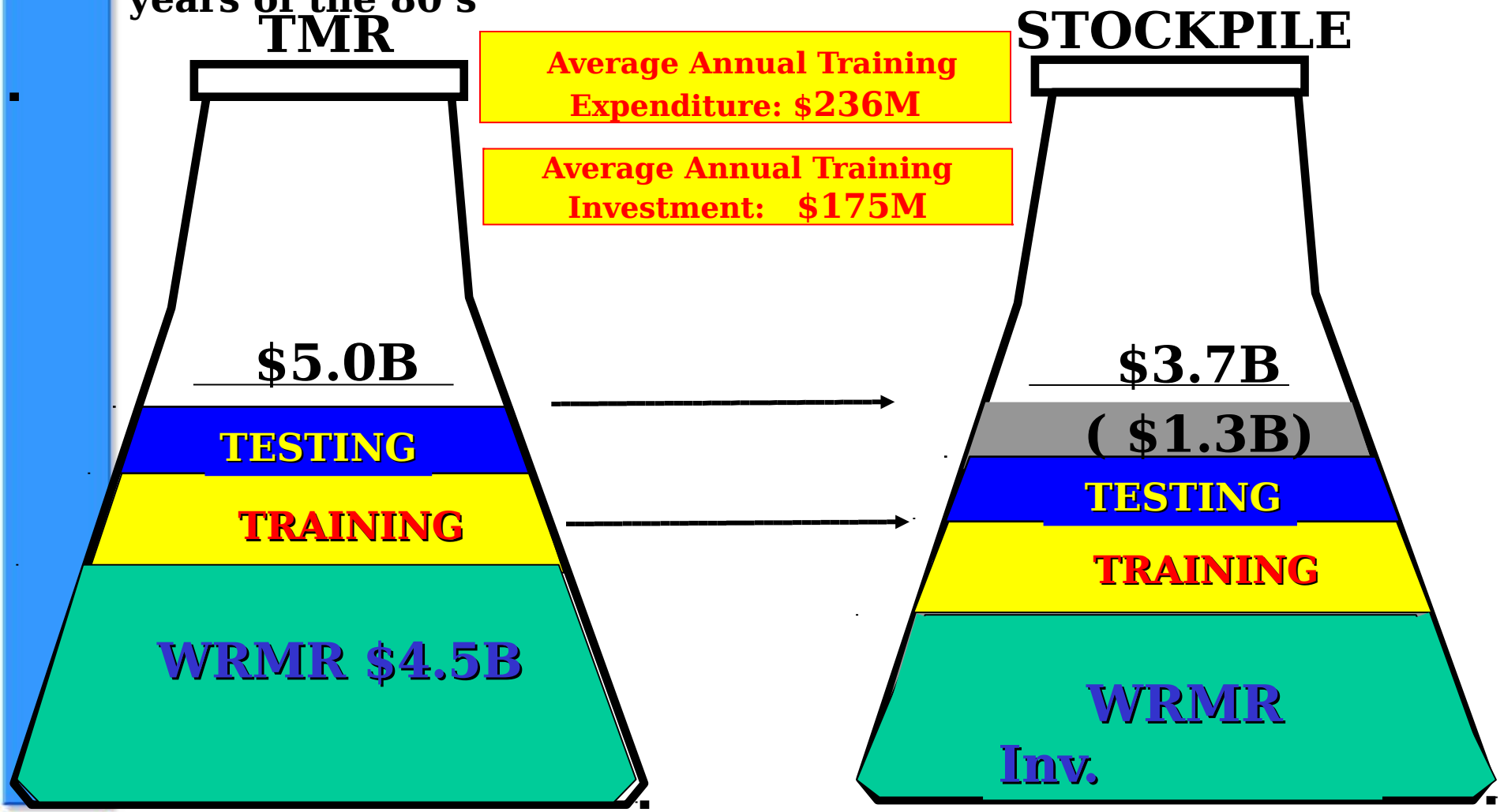
STRATEGIC READINESS REQMT
(SRR):
(Homeland Defense, Treaties, NALMEB)

POM 04 TMR
$5.0B

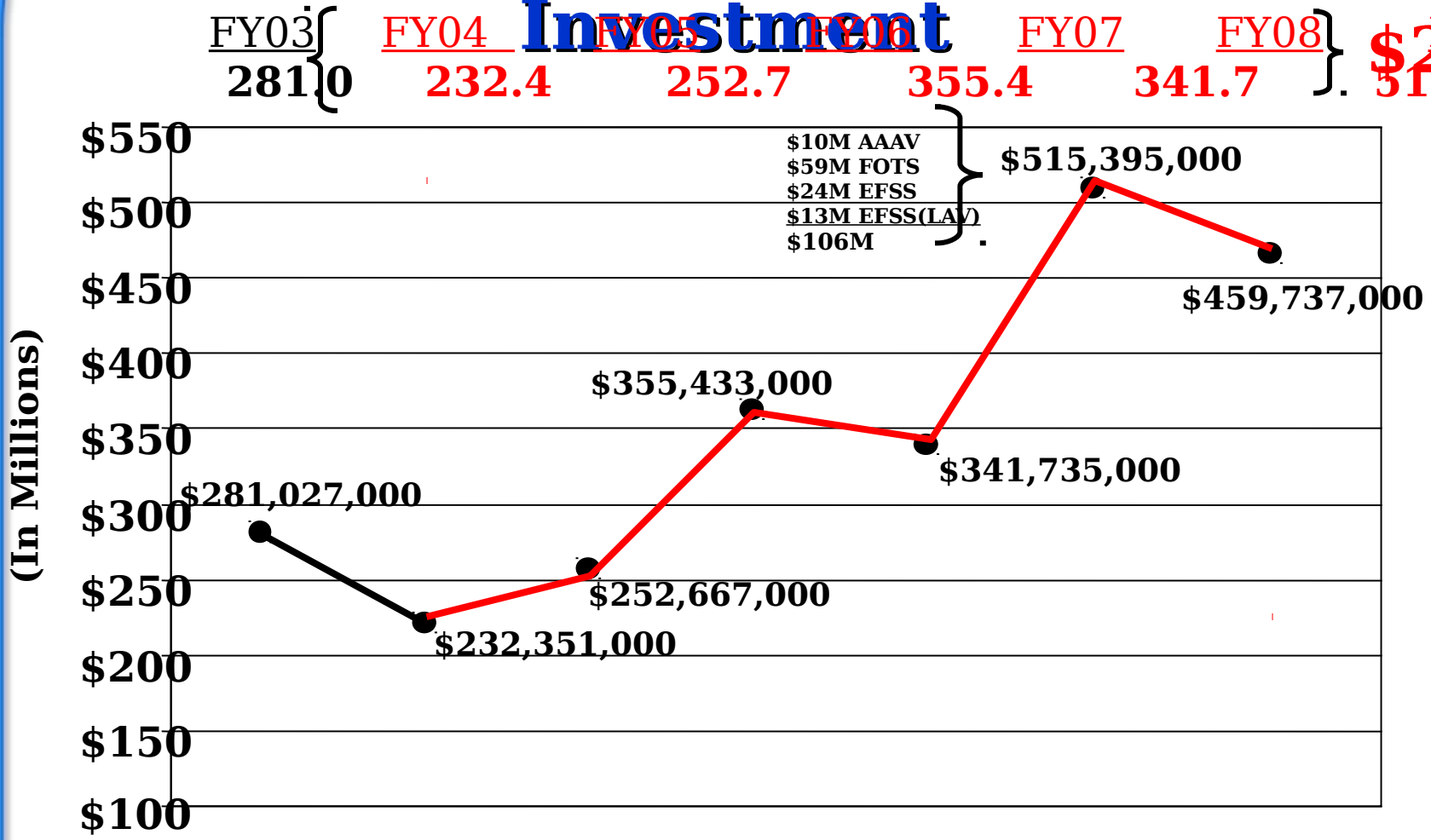


Class V (W) - Requirements vs. Stockpile

- In many cases, the USMC has leveraged off high investment years of the 80's



Class V (W) Procurement Investment



- Continue to leverage off stockpile
- POM 04 Deficiency of $1.3B

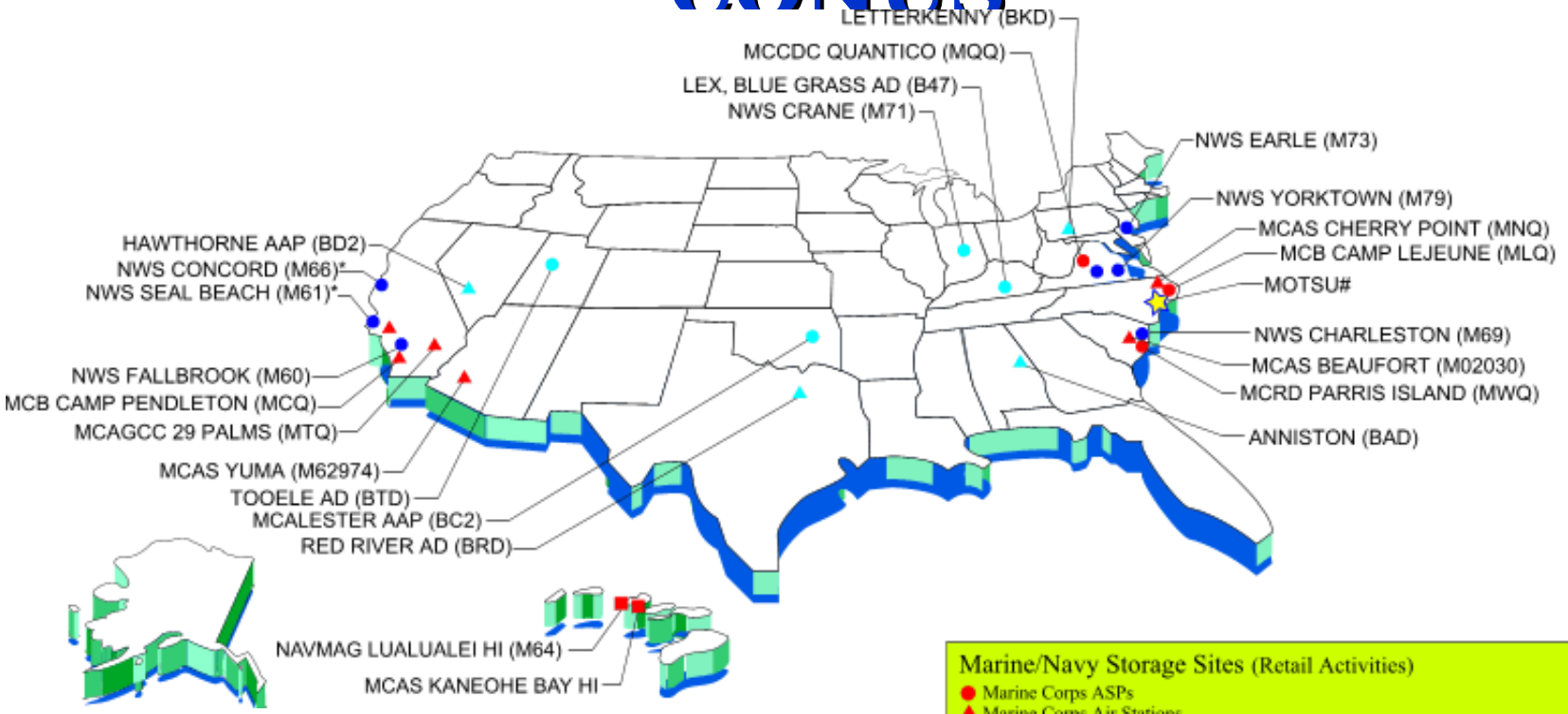
Distribution of Class V(W) Assets

MCO P4400.151B, Para 4001A.3 – GENERAL CHARACTERISTICS OF CLASS V(W) MATERIEL.

"The Commander, Marine Corps Systems Command (COMMARCORSYSCOM) is the inventory control point (ICP) for class V(W) materiel within the Marine Corps. COMMARCORSYSCOM's Ammunition Branch(AM) is responsible for directing the acquisition, storage, issue, distribution, renovation, maintenance, and disposal of class V(W) materiel."

	Location	STONS	%	
Wholesale Activities	**JMC/Navy**		**153,891**	**72.6**
	– **Crane Army/Navy**	**76,427**		
	– **McAlester**	**33,073**		
	– **Tooele**	**19,989**		
	– **Hawthorne**		**24,151**	
Retail & Wholesale Activities	• **Naval Weapons Stations**		**21,879**	**11.6**
	• **MPS**	**13,917**	**6.6**	
	• **ASP**	**10,448**	**4.9**	
	• **Norway**	**2,819**	**1.3**	
	• **ROTA**	**2,200**	**.1**	
	• **LFORM**	**1,676**	**.8**	
	• **MCAS**		**996**	**.5**
	• **Kuwait**		**3,395**	**1.6**

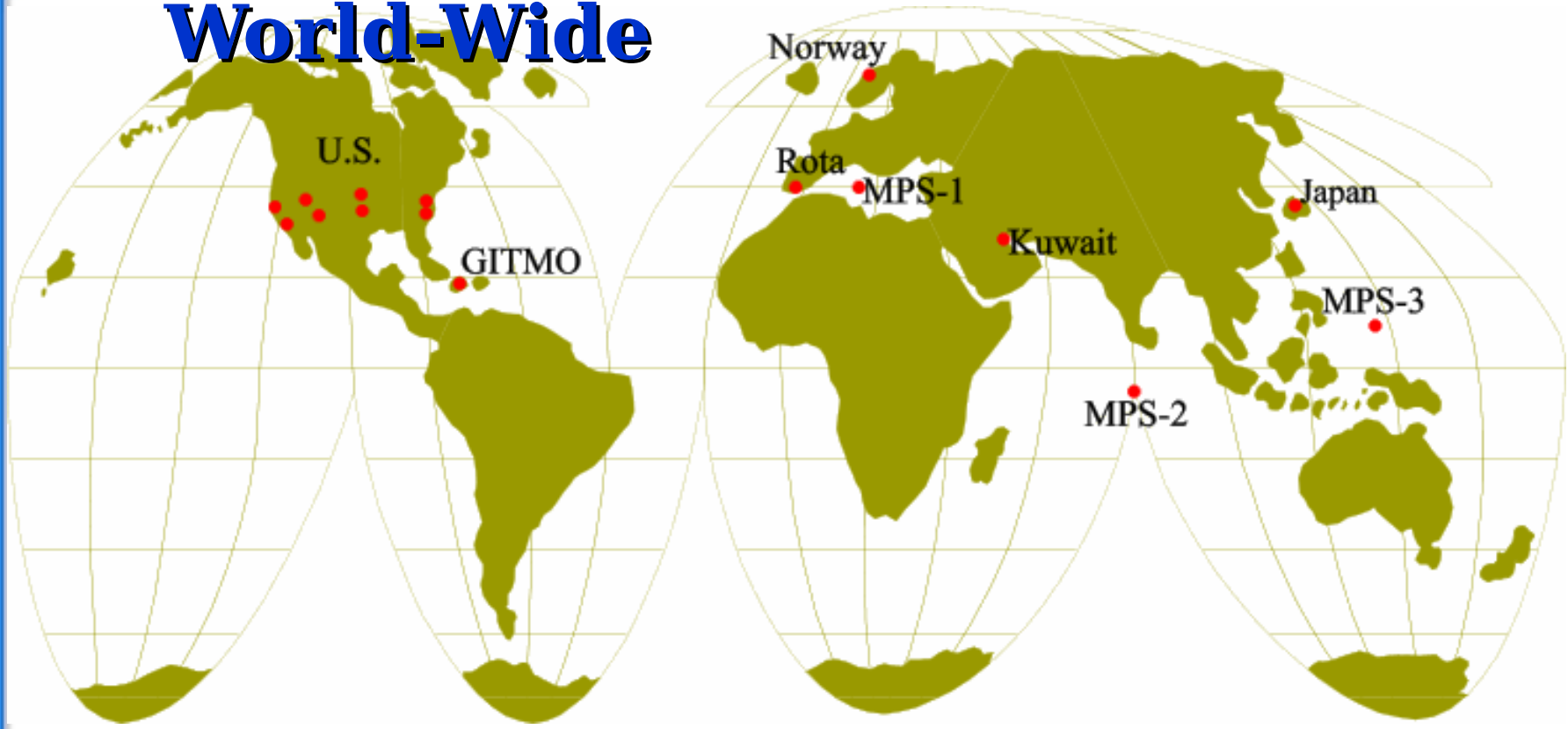
Class V(W) Storage Sites - CONUS



Marine/Navy Storage Sites (Retail Activities)
- Marine Corps ASPs
- Marine Corps Air Stations
- OCONUS/PAC
- OCONUS/LANT
- Navy Tidewater

Depots (Wholesale Activities)
- Tier 1: Full workload, WRS <>30 DOA, maint/surveillance/demil
- Tier 2: Minimal staffing, WRS >30 DOA reqr static storage, *
- Tier 3: Minimal staffing, non-reqr stocks, drawdown & inactive spt

Class V(W) Storage Sites – World-Wide



- **Class V(W) is globally positioned: Sasebo Japan, Norway (NALMEB), Doha, Rota, GTMO, Okinawa….**

SUPPLY CLASS V (W)

Management Perspective

Structure

DIVISION MISSION

To manage the ammunition stockpile, develop and maintain configuration control of Ordnance Information Systems, and conduct Class V(W) accountability oversight

Those who execute the mission of the Inventory Control Point

Inventory Accuracy Team

System Team

INVENTORY MANAGEMENT & SYSTEMS

Inventory Mgt. Team

DIVISION MISSION

To conduct research, development, procurement planning, budgeting, acquisition, maintenance and surveillance, of ammunition in support of the operating forces.

INF Wpns Team

ACQUISITION PROGRAMS & BUDGET

Lg Cal,AA, Missiles Team

SABOT

Those who acquire & maintain the "serviceability" of the stockpile"

UNITED STATES MARINE CORPS
SCIENTIA AD JUSTIMAM
CLASS V(W) GROUND AMMUNITION

PM

Deputy PM

DIVISION MISSION

To enable Class V support in the functional areas of MAGTF planning, operations planning, explosives safety program management, and environmental compliance

Operations Team

LOGISTICS

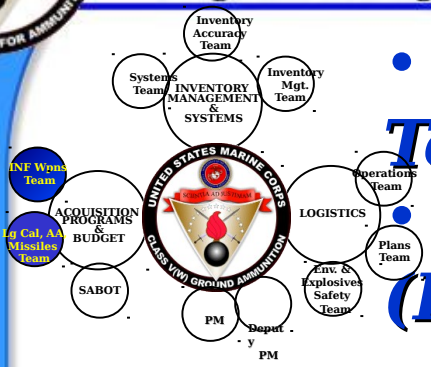
Plans Team

Env. & Explosives Safety Team

Those who serve as "enablers" to the Operating Forces

Division & Team

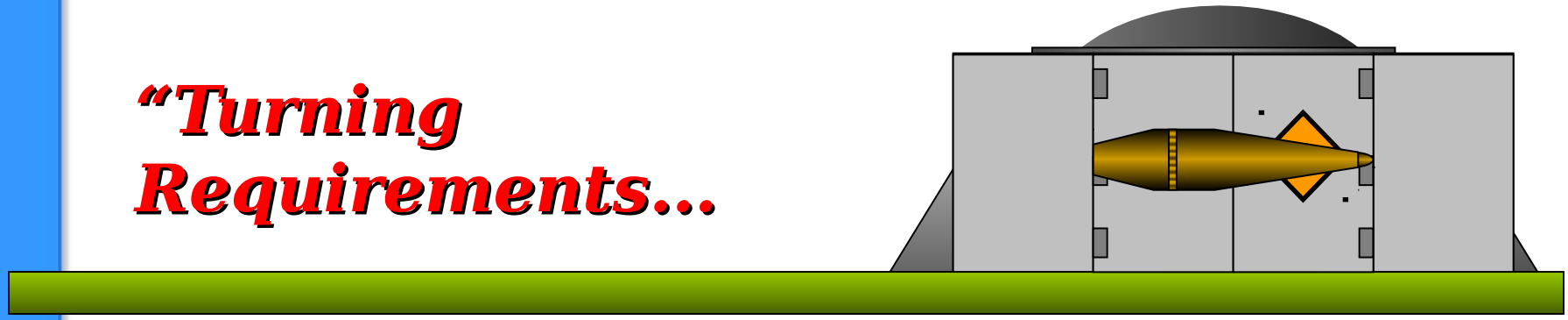
Roles & Responsibilities



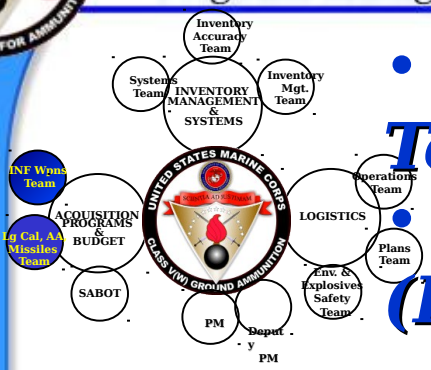
- ***Large Cal, Anti-Armor & Missiles Team (LCAT)***
- ***Infantry Weapons Ammunition Team (IWAT)***

"Execute Congressionally Mandated Procurement Process via the SMCA"

"Turning Requirements...



... Into Ammunition"



- ***Large Cal, Anti-Armor & Missiles Team (LCAT)***
- ***Infantry Weapons Ammunition Team (IWAT)***

Total Ownership:
Procurement, Maintenance, Surveillance, Rework

- **Direct interface with the Joint Munitions Command (JMC) for ammunition**
  production, configuration control, delivery, and quality of USMC ammo
  procurements
- **Develop -Support -Execute USMC POM for acquisition of ground ammunition**
- **Ensure USMC ammunition production r identified and met**
- **Coordinate munitions technical issues**
  w/other Services & USMC organizations
- **Assesses and executes the Class V(W) Qualit**
  Surveillance, and Maintenance Program

Marines Performing 7.62 Cartridge Gauging Pr

Ammunition Life-Cycle Model

PPB Phases

Execution Phases

Requirements

Program Development

RTDE

Procurement & QA/Maint

Stockpile Management

Demil & WMM

MCCDC

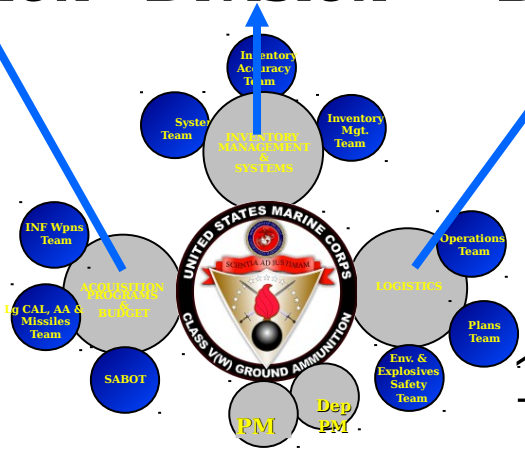
- MCSC PGD
- PM Ammo
- Leverage Other Service

AP&B Division

IM&S Division

Log Division

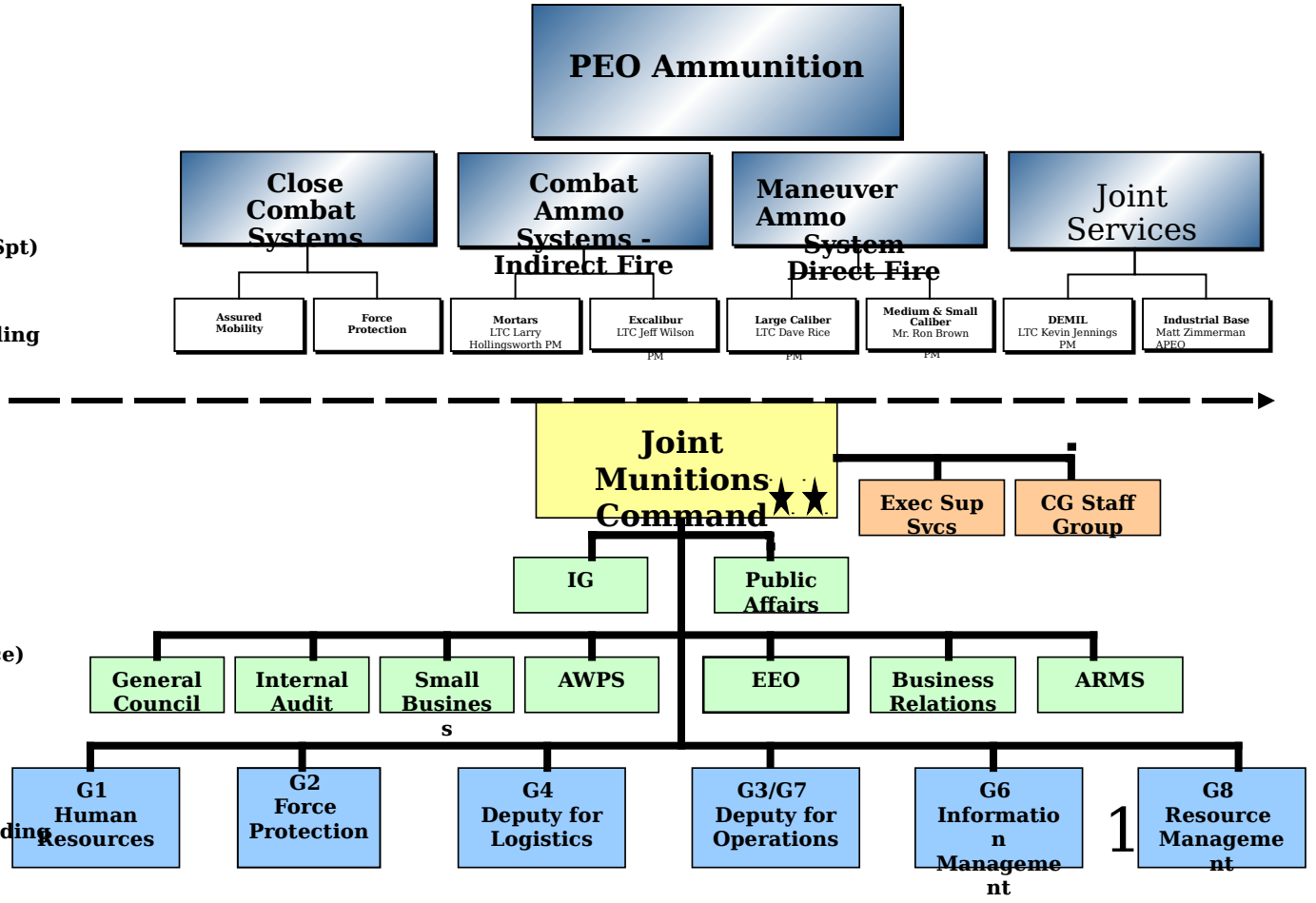
Iterative Process



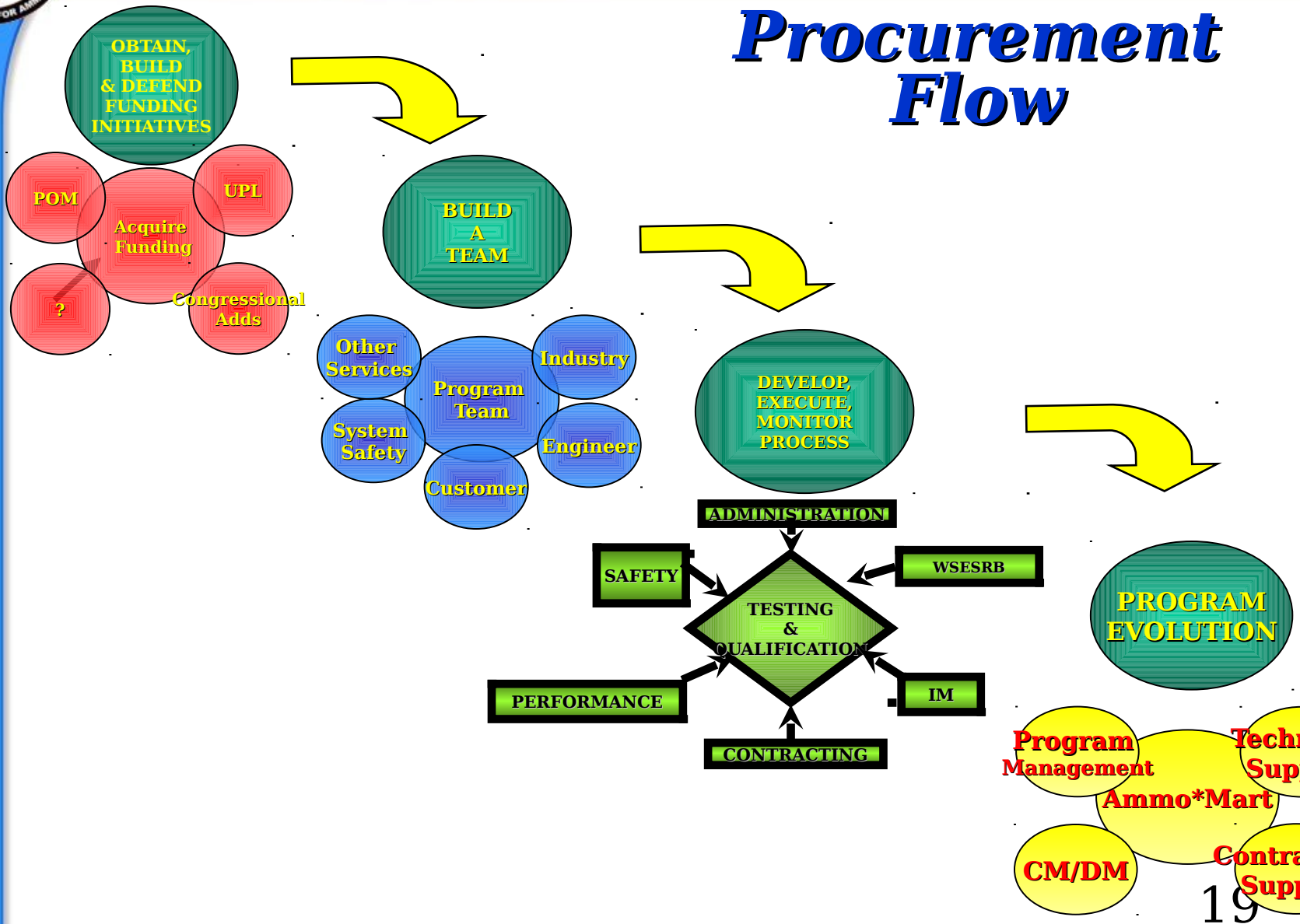
The "Single Manager for Conventional A

- DoDD 5160.65 – Single Manager for Conventional Ammunition
- DODI 5160.68 – SMCA: Responsibilities of the SMCA and the Military Se

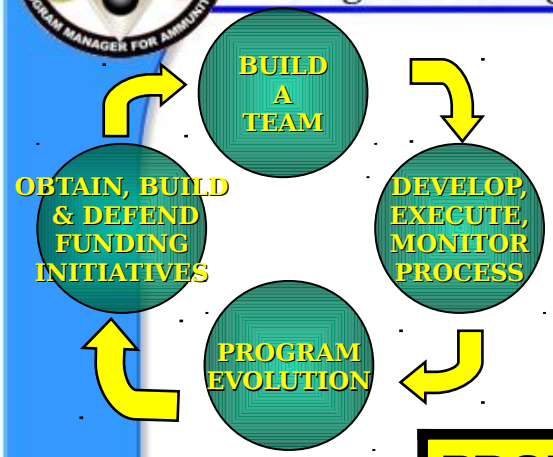
MISSION
ACQUISITION
RDT & E
Acquisition Strategy
Hardware Production
Components for Renovation (Maint Spt)
APE (Maint Spt)
PAA Program / Budget / Receive Funding
Industrial Base
LOGISTICS / SUSTAINMENT
Receipt / Issue
Storage / Distribution Management
Inventory / Accountability
Safety / Security
Quality Assurance(ASRP / Surveillance)
Maintenance
Demilitarization/ Disposal
Transportation
OMA Program / Budget / Receive Funding

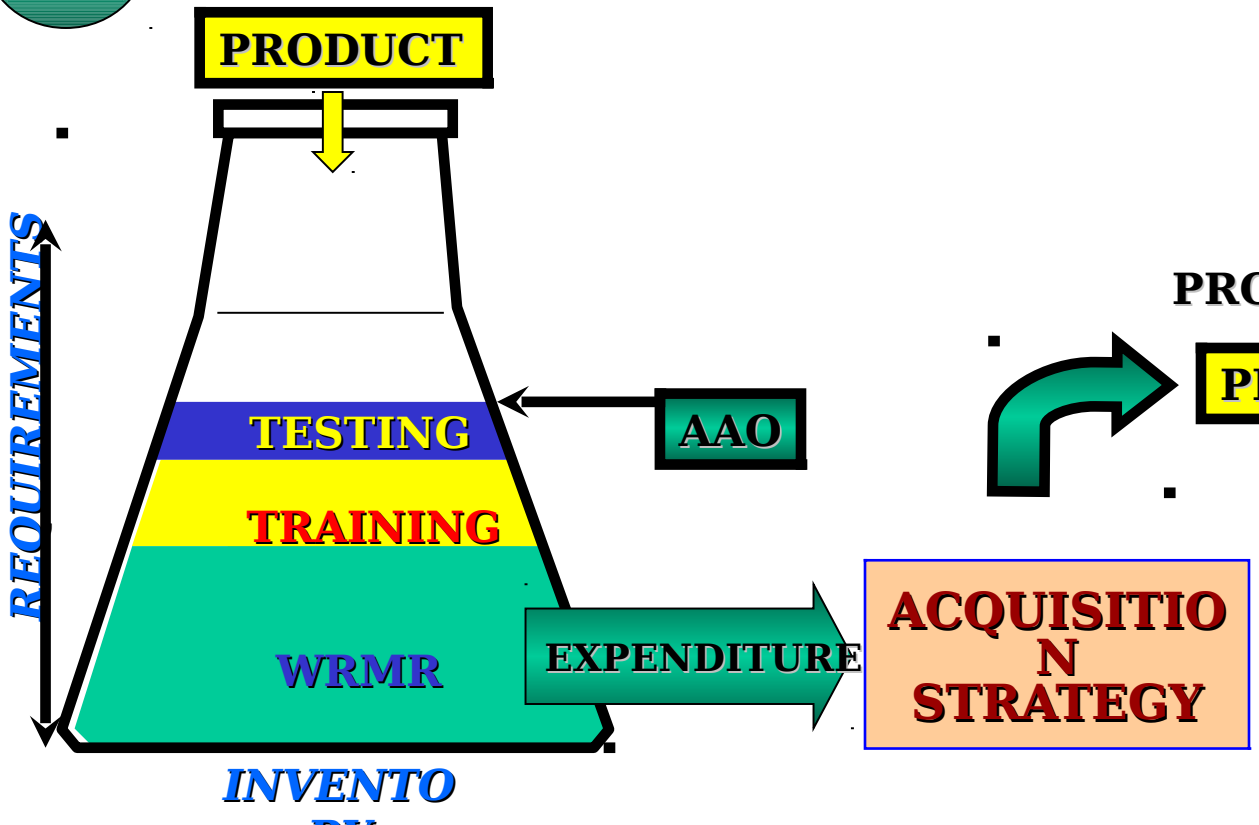


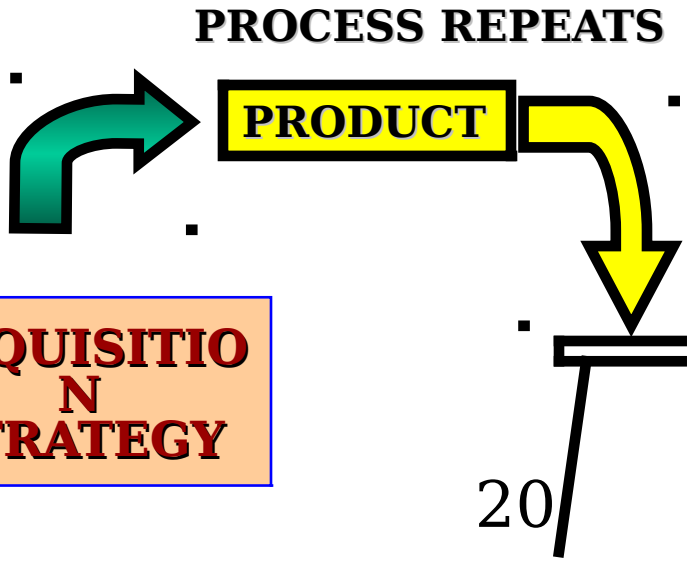
Procurement Flow



Procurement Flow "filling the beaker"

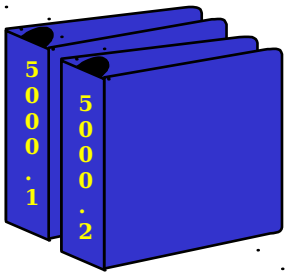




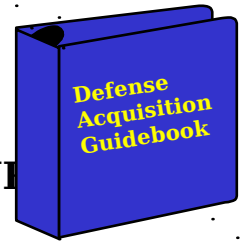


Munitions Qualification Requirements

- SECTION 806 (STROM THURMOND NATIONAL DEFENSE AUTHORIZATION) AUTHORITY
- JUSTIFICATION & AUTHORIZATION (J&A)
- LEGAL REVIEW
- TECHNICAL DATA PACKAGE (TDP)
- CATALOGING
- WEAPONS SYSTEMS EXPLOSIVES SAFETY REVIEW BOARD
- SYSTEM SAFETY PROGRAM FOR THE AMMUNITION
- INSENSITIVE MUNITIONS COMPLIENCY
- OVER-HEAD FIRE
- DEMILITARIZATION AND DISPOSAL PLAN
- EXPLOSIVE ORDNANCE DISPOSAL (EOD) "Render Safe" PROCEDU
- PACKAGING AND PALLETIZATION
- HAZARD CLASSIFICATION
- ENVIRONMENTAL COMPLIANCE



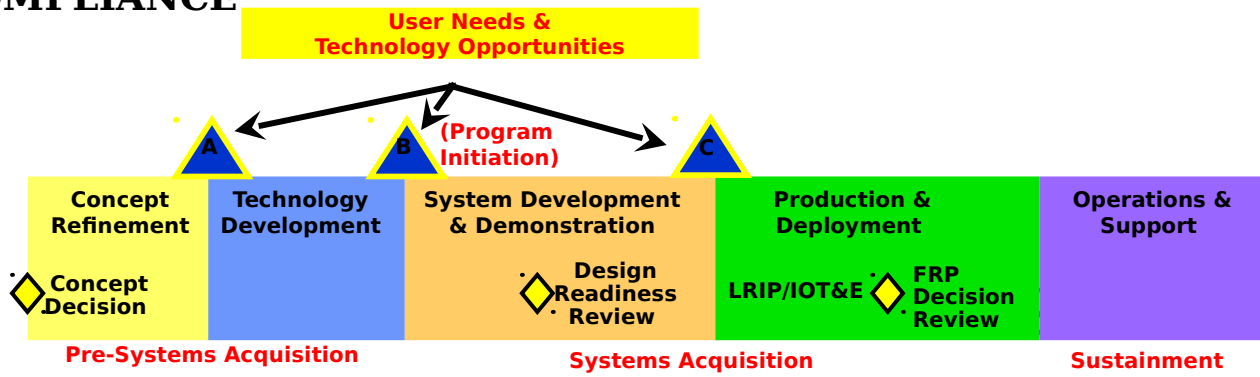
Mandatory



Discretionary

DoDD 5000.1 E1.23

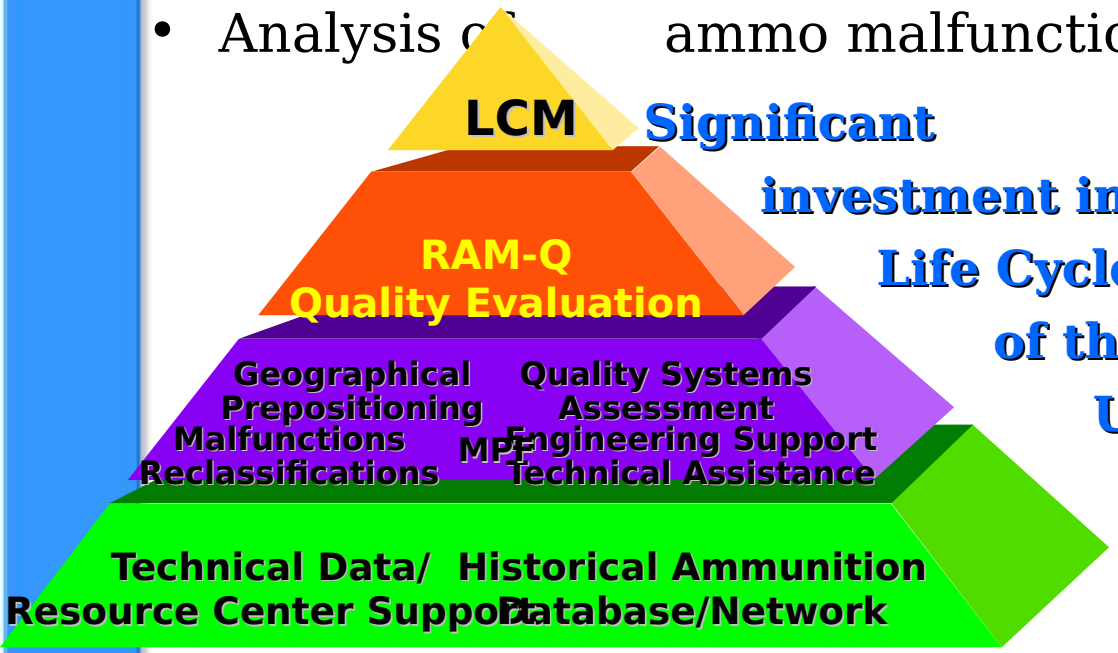
"All systems containing energetics shall comply with insensitive munitions criteria"



Quality Assurance & Maintenance

"Continuous assessment of the Quality & Reliability of a multi-billion dollar stockpile"

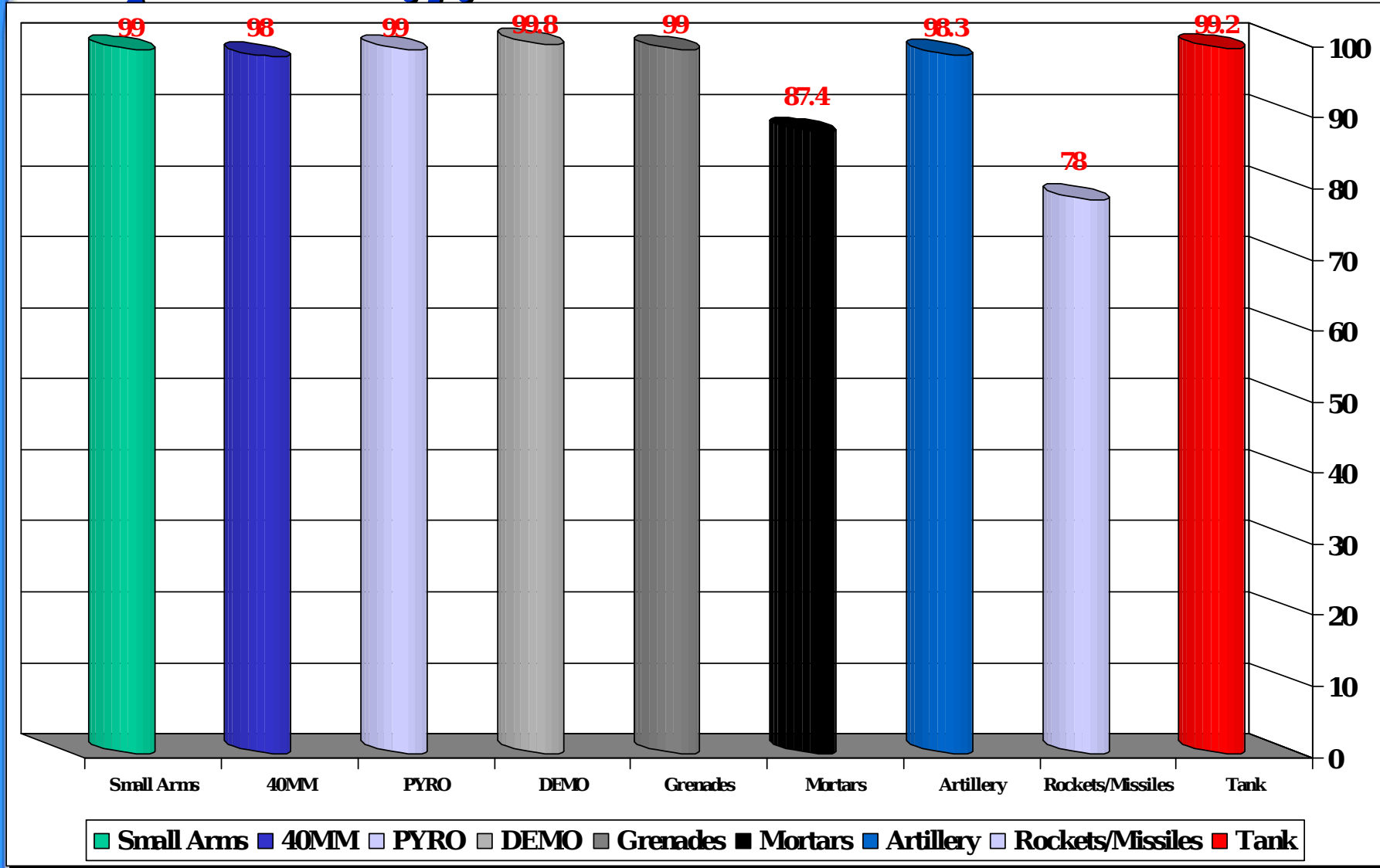
- Addresses Q/A programs for Marine Corps ground ammunition and missiles
- Addresses Life Cycle Management of ammunition through cyclic tests and surveillance (RAM-Q) (degradation and trends)
- Timely customer notification of ammo use, safety and condition issues
- Participation in the Contractor Performance Certification Program (CP)[2]
- Analysis of ammo malfunctions and deficiency reports



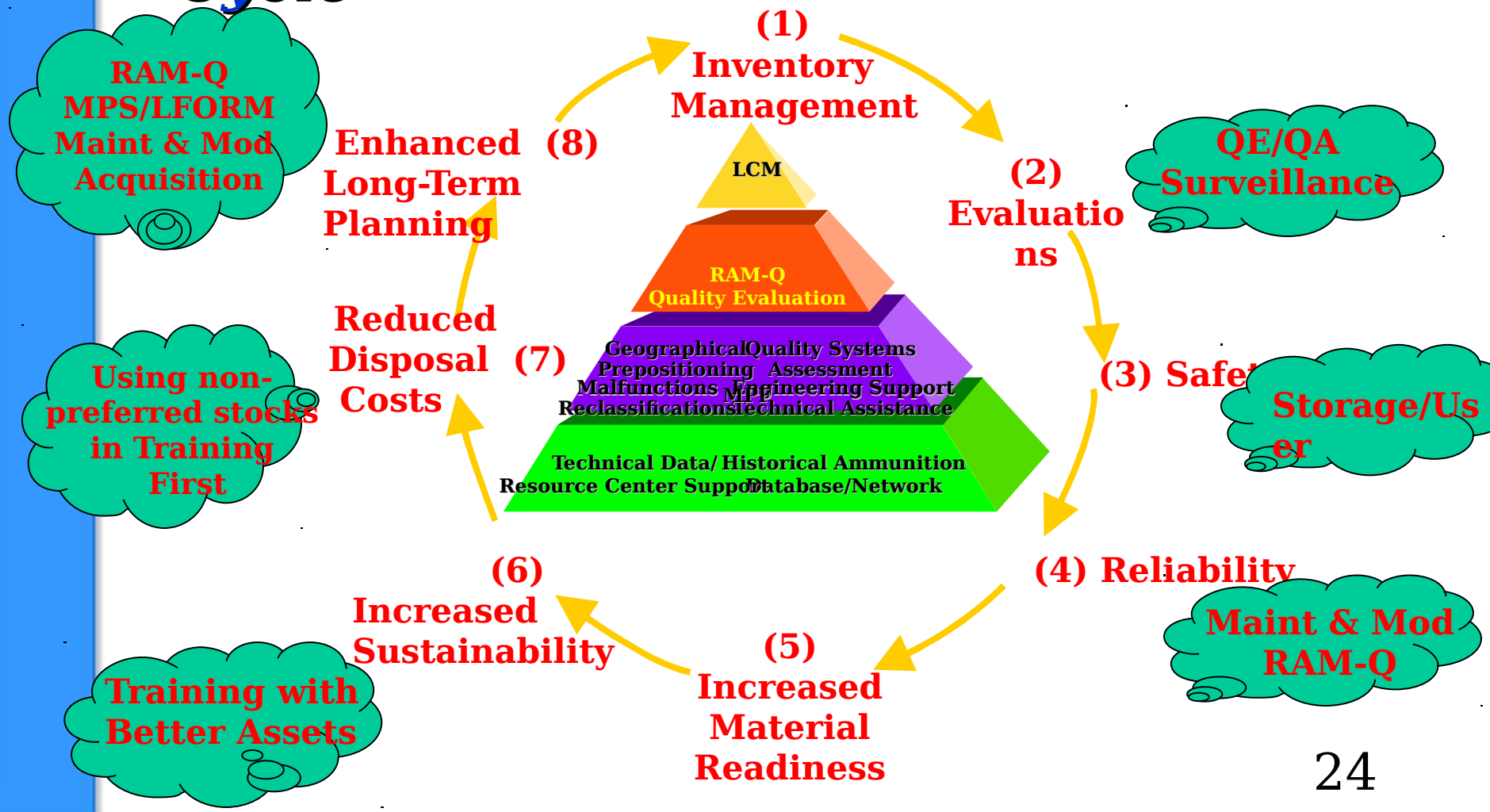
Significant investment in the Life Cycle Manage of the USMC Stock

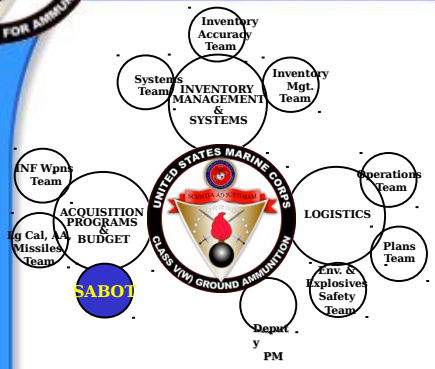
Linear Demolition Charge renovation

Serviceability By Family Of



Quality Cycle





Strategic Ammunition Business & Operation Team (SABOT)

- **Funds Management / Budget Preparation**
- **Stockpile Reclassifications - Suspensions (NARs/AINS, etc.)**
- **Contracting**

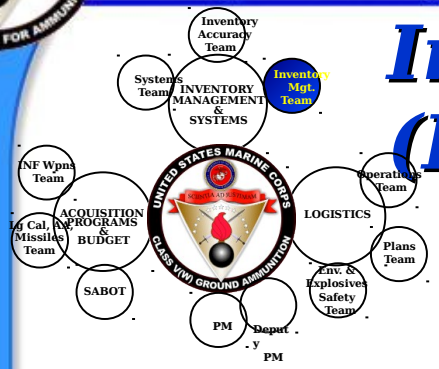
Financial Management Team

"Act as the financial advisor for the Program Manager for Ammunition"

- **Procurement of Ammunition, Navy, Marine Corps**
- **Operations and Maintenance**
- **Reimbursable Funds**
- **Responsibilities include formulation, justification, and execution of the ammunition budget appropriations**
- **Member, OSD(AT&L) Chaired Ammunition Procurement Improvement Team**
- **Provides coordination/support for audits, reviews, analyses conducted by internal/external agencies related to Class V(W) LCM**

FY03	FY04	FY05	FY06	FY07	FY08	FY09
281.0	232.4	252.7	355.4	341.7	315.4	45

$2.1B



Inventory Management Team (ICP!)_

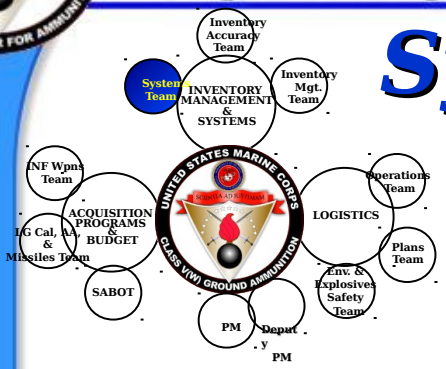
337 DODIC's
150 + Locations

"Manage the Marine Corps Class V(W) stockpile by utilizing or developing inventory management policies, practices, or procedures ensuring the stockpile meets our customers needs."

- **Manage the stockpile ($4.0 Billion) by:**
  - **Stratification/Cross-leveling (Right size the stockpile)**
  - **Sourcing:**
    - **War Reserve Materiel: Preferred lots suitable f/long term storage**
    - **Training: Ensure assets that are showing degradation are used (Small lots)**
- **Provide CISIL requirements**
- **Provide sourcing solutions (MOA's/MOU's)**
  - **Kuwait**
  - **Army MATCOM's (CALS) (MOA)**
    - **FORSCOM**
    - **TRADOC**
    - **National Guard Bureau**
  - **Navy/Air Force**

Transaction Volume & Tempo!_

	FY96	FY97	FY98	FY99	FY00	FY01	FY02	
A	41130	36043	26836	38155	34012	78105	32017	
A4	159	106	122	60	79	4274	2693	
AC	301	296	88	207	171	752	426	
AR	2765	2584	3423	2387	2896	2922	1421	
A0	2367	2007	2650	1724	2158	4839	2668	Requisitions
BG3	158847	189028	281373	116235	269597	588620	364590	Periodic Lot Reporting
BG1	249525	464747	375033	333694	443270	562116	415748	Serialized Reporting
DA	12701	4802	7431	6025	6061	4584	5055	CC/Purpose Change
DJ	2413	763	42	0	0	0	0	
DK	378757	516518	74681	21496	23142	22321	14250	Inventory Results
DZ	145557	146538	187077	86023	80703	69211	48899	End of Day Balance
D4	1800	1327	1849	3460	2806	776	711	Receipt/Procurement
D6	33251	29941	64514	28283	30401	28877	21454	Receipts
D7	62902	57810	112129	52836	53587	48351	32797	Issues
D8	2619	1551	1541	1252	1189	5310	2774	Adjustment Gain
D9	3588	2152	2039	1613	1198	5887	3315	Adjustment Loss
TOTAL	1098682	1456213	1140828	693450	951270	1426945	948818	

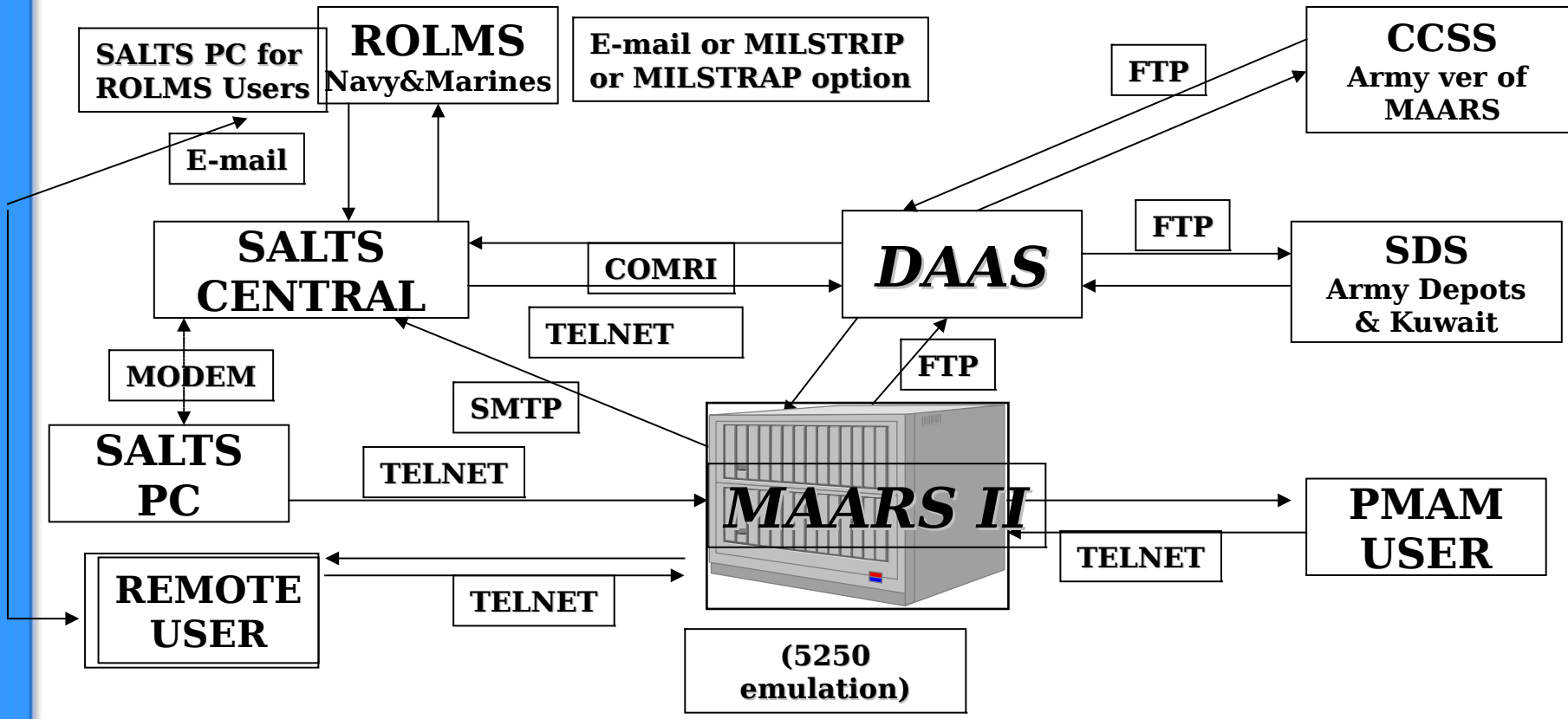


Systems Team

" Provide Life Cycle Management support for all ammunition management systems used to account for Class V(W) assets"

- **Marine Ammunition Accounting & Reporting System (MAARS)**
  - Provides world-wide visibility of Marine Corps Class V(W) assets
  - Maintains asset inventory, shipping, receiving, requisition, issue, and adjustment transactions affecting asset balances
  - Maintains procurement information, product catalog, and reference information.
  - Runs on an IBM AS/400 (Mid-Range System)
- **Retail Ordnance Logistics Management System (ROLMS)**
  - Retail-level accounting system for ASPs & Liaison Activities
  - Standard system for all Marine & Navy users
  - Capable of running stand-alone on a PC workstation or laptop for use during deployment.
- **Future System**
  - Ordnance Information System (OIS) - Joint Navy & Marine Corps

MAARS II System Interface



United States Marine Corps
Program Manager for Ammunition

AMMO

WEBPAGE

!

Marines
The Few. The Proud.

Program Manager for Ammunition

Home
Guiding Principals
Ammo Quarterly
Corporate Center
Knowledge Portal
EES E-mail
DDA Requests
MAARS II Help Desk
Feedback
Contacts
Ammo Links
Security Notice

Highlights

Ammunition Portal Coming Soon!

The Program Manager for Ammunition, with the support of Marine Corps Programs Department (MCPD) and the Crane Division Naval Surface Warfare Center (NSWC), is leading the way toward creating a central knowledge repository in our continued focus to customer service.

The first stage of this project is the development and fielding of a WEB enabled "prototype" of ammunition information centered on inventory management. This initial effort is well on the way toward completion and is scheduled for limited fielding for testing during September 01. With the success of this first prototype, it is envisioned that the KM portal will grow in focus, content, and will incrementally encompass the other areas of Marine Corps ground ammunition management.

The KM Portal will be accessible from the Program Manager for Ammunition Home Page, based on the permissions assigned to the end-user identification upon logon to the portal.

EES Order Review

Review Final Draft of MCO P8020.10A

Review Final Draft of MCO 8023.3A

Please direct review comments to ees@mcsc.usmc.mil When addressing comments please be as specific as possible to reference location, proposed change, and reasoning for change. All comments will be reviewed and changes made when appropriate. Proposals not accepted will be readdressed to the initiating Command with reason for rejection.

Site Directory

About Us
Mission, Vision, Guiding Principals, Contacts, Organizational Chart, Program Managers Message on Ethics

Knowledge Portal (Secure Login required)
Request Access, Situation Reports, Field Returns Program, Periodic Lot Reporting, EES Base Data and Waivers, ESI Reports, MARSO, Tracking and Expenditure Reporting Message & Brief

AP&B Division
Research, Development & Acquisition Branch, Quality Assurance & Maintenance Branch, Financial Management Branch

IM&S Division
Inventory Management Branch, Systems Branch, Inventory Accuracy Section

Environmental & Explosives Safety
EES E-mail, DDA Requests, EES Order Review

Logistics Division
Operations Branch, Plans Branch, Environmental & Explosives Safety Branch, 2340 Structure Chart

Corporate Center
Visitor's Information, Directions, Lodging, Ammunition Links, Feedback, MAARS II Help Desk Request, Ammunition Quarterly

View the "Proposed Change in Procedures for Tracking and Expenditure Reporting for Serialized Class V(W) CCIC/SRC I and II Munitions message and PowerPoint presentation". (Secure Login required)

Ammunition Quarterly

The Ammunition Quarterly is published by the Program Manager for Ammunition, Marine Corps Systems Command on a quarterly basis. Articles provided are to enhance the technical knowledge and explosives safety stance of Marine Corps personnel involved in ammunition operations. Information disseminated herein is not official Marine Corps policy and is non-directive. Reader Comments are welcomed. Provide ideas/articles to the Program Manager for Ammunition, MARCORSYSCOM, 2033 Barnett Ave., Suite 315, Quantico VA. 22134-5010, or send to the Managing Editor.

FIRSTGOV
Your First Click to the U.S. Government

United States Marine Corps

Program Manager for Ammunition

Ammo Knowledge Management Portal

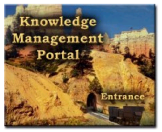
State of the Stockpile

Knowledge Management Portal

Welcome to the One Stop Shop for Ground Ammunition Information. Provided by the Program Manager for Ammunition.

This Portal is a Prototype.

Prototype: *Process of building an experimental system quickly and inexpensively for demonstration and evaluation so that end users can better determine information requirements.*



"Inventory numbers represented in this Portal are extracted from the Marine Corps Ground Ammunition Inventory Control Point system MAARS II and include Total On-Hands, Total Due-Outs, Total In-Transit and Total Freeze Quantities. In the future this Portal will break out the aforementioned quantities individually."

The following data sources have been included in this phase of the Knowledge Management Portal:

- CAIMS Technical Data as of 11/7/01
- MAARS II Daily Inventory as of 11/16/01 4:00:48 AM (PDT)
  - by Condition Code, Location
- MAARS II Procurement as of 10/22/01
- MCCDC Total Munitions Requirements as of 3/7/01
- MCD Cataloging Handbook as of SEP 2001
- PM-AMMO In Lieu of (Interchangeable DODIC) as of 5/14/01
- MCPD Field Inspection CD as of 4/1/01
- MCD 7 Year Maintenance Plan as of OCT 2001
- MCD Tech Data Sheet CD as of 11/2/00
- PM-AMMO 30 SEP Inventory as of OCT 2001
- MCPD State of the Stockpile as of OCT 2000

More data sources coming soon!

BEGIN YOUR SEARCH BY CLICKING THE KNOWLEDGE MANAGEMENT PORTAL IMAGE OR BY CLICKING ON THE SEARCH BUTTON AT TOP OF PAGE.

Daily Inventory, Condition Code, Location

Knowledge Management Portal

Inventory

DODIC: C995

Enter DODIC [ ] New Search

Click here to search DODIC page instead

Current Inventory as of 11/16/01 4:00:48 AM
Condition Codes

NSN	A	B	C	D	E	F	G	H	J	K	L	M	N	P	V	Total
1315012454950	41,850	2	524		8	6,323		60		42			3,373			52,182
Total	41,850	2	524		8	6,323		60		42			3,373			52,182

30 SEP 2001 Inventory as of 10/25/01
Condition Codes

NSN	A	B	C	D	E	F	G	H	J	K	L	M	N	P	V	Total
1315012454950	42,805	10	624		5	4,093		47		42			3,297			50,923
Total	42,805	10	624		5	4,093		47		42			3,297			50,923

	Current State of the Stockpile	Current
Green	Serviceable	87.7% 45,757
	Unserviceable	12.3% 6,425

	30 SEP 2000 State of the Stockpile	30 SEP 2000
Green	Serviceable	91.8% 46,741
	Unserviceable	8.2% 4,182
	Remarks based on 30 SEP Inventory:	

Technical Data

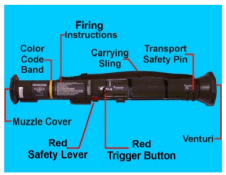
Program Manager for Ammunition, Marine Corps Systems Command

Knowledge Management Portal

DODIC

Enter DODIC [ ] New Search

Interchangeable DODIC:
Can be used in Lieu of:



Cartridge and Launcher, 84mm M136 AT-4
(DODIC C995)

Item Description: The Cartridge and Launcher, 84mm M136 AT-4 (DODIC C995) is mainly employed against armored personnel carriers. However, it can be used against battle tanks when fired at the flanks or rear. It can also be employed as an assault weapon against bunkers, field fortifications, and other hard-point positions. Issued as one round of ammunition, the AT-4 tactical round is a self-contained, lightweight, disposable weapon consisting of a launcher and cartridge. The launcher is fiberglass-reinforced with a smooth bore barrel that is environmentally sealed. The AT-4 is equipped with an aluminum venturi, a firing mechanism with three safety devices, front and rear sights, and a carrying sling. The cartridge assembly consists of the projectile and the cartridge case. The projectile is a free flight, fin-stabilized warhead. It is pressed and cemented into the cartridge case. The cartridge case contains a double-base propellant, percussion primer, and igniter. The AT-4's warhead features behind-armor secondary effects. DODIC Main Description penetrates the vehicle's armor protection, a high-pressure incendiary effect occurs. This action, which is accompanied by a blinding flash, is designed to effectively knock out the crew of the enemy vehicle, even if the penetration hole is relatively small.

Serviceable	Unserviceable	Total QTY	Maint. Due	Planned Procurement
87.7% 45,757	12.3% 6,425	52,182		

Field Insp CD | Procurement | DODIC Inv.

NSN
1315012454950

Cat. Tech.

* back to top

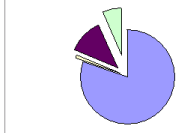
Total Munitions Requirements

Stockpile Status Ratings

7 Yr. Master Maintenance Plan as of 10/1/01	
Project No.	
Fiscal Year	
Quantity	
Project Cost	
Component Cost	
Justification:	
Scope of Work:	

Total Munitions Requirements as of 3/7/01	QTY
Combat Requirements	54,148
Residual Readiness Requirements (RRR)	
Strategic Readiness Requirements (SRR)	
War Reserve Material Requirement(WRMR)	54,148
Training Requirement	2,315
Current Operational Requirement (COR)	
Testing Requirement	129
Training Logistical Support (313 Day Pipeline)	1,985
Testing Training Logistical COR (TTCOR)	4,429
Total Munitions Requirement (TMR)	58,577
Approved Acquisition Objective (AAO)	56,133

Current Inventory By Condition Code



A - 80.20% B - 0.00% C - 1.00%
E - 0.02% F - 12.12% H - 0.11%
K - 0.08% N - 6.46%

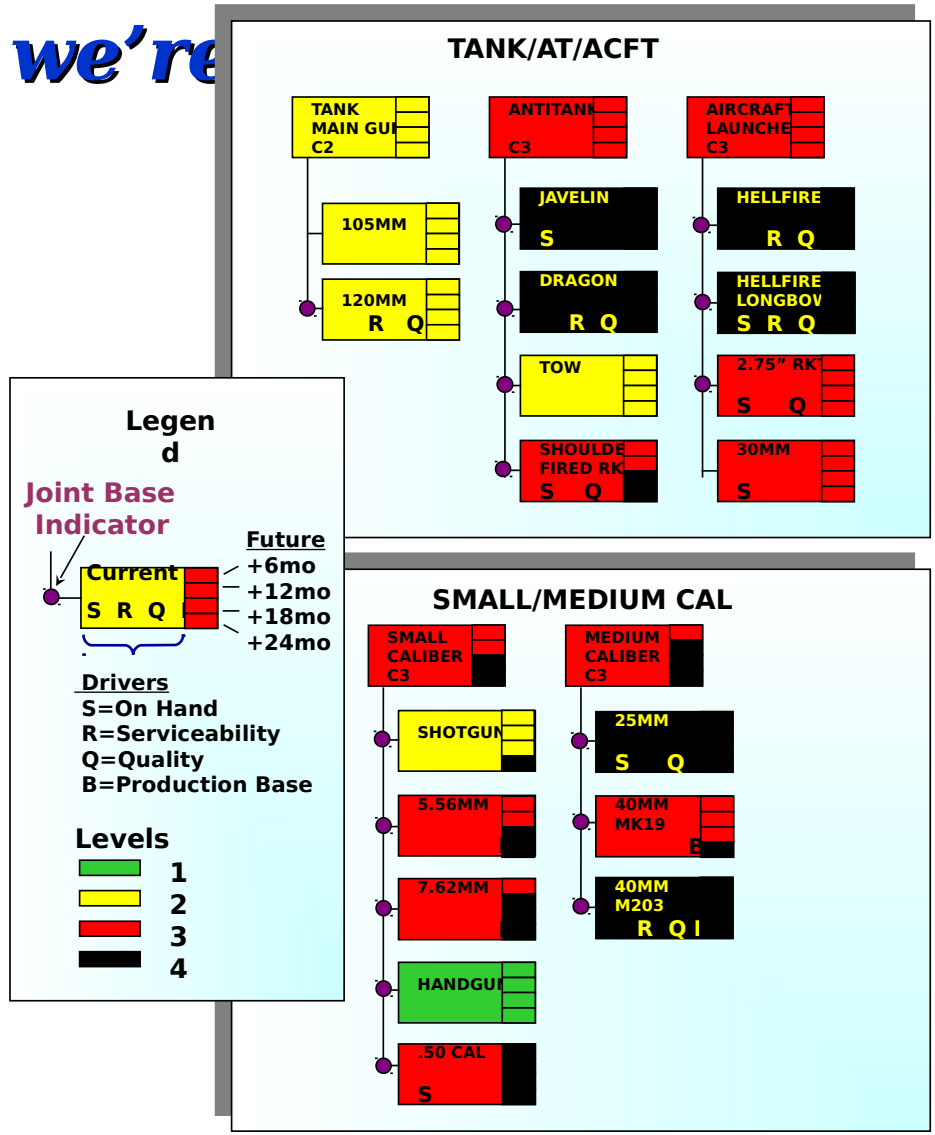
30 SEP Inventory By Condition Code

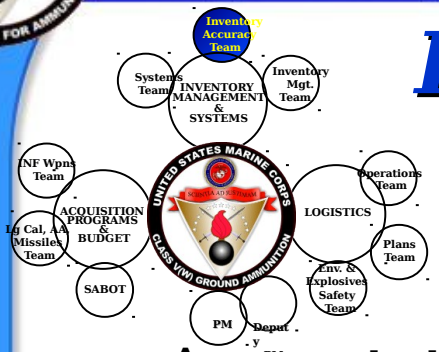
A - 84.06% B - 0.02% C - 1.23%
E - 0.01% F - 8.04% H - 0.09%
K - 0.08% N - 6.47%

Activity Level

* back to top

Readiness Assessment – where we're





Inventory Accuracy Team

"Develop and/or utilize accepted inventory accuracy policies, practices, or procedures to increase the accuracy of accountable and financial records."

- **Augments the NOSSA Explosives Safety Inspections.**
  - **Conducts Program 15 for Marine Corps Class V (W).**
    - **<u>Program 15 Elements:</u>**

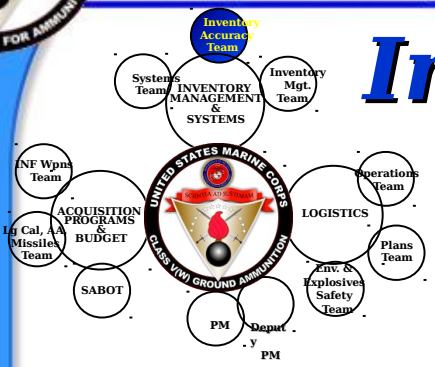
      UNSERVICEABLE MATERIAL

      PROGRAM MANAGEMENT

      NOTICE OF AMMUNITION RECLASSIFICATION (NAR)

      INVENTORY ACCURACY

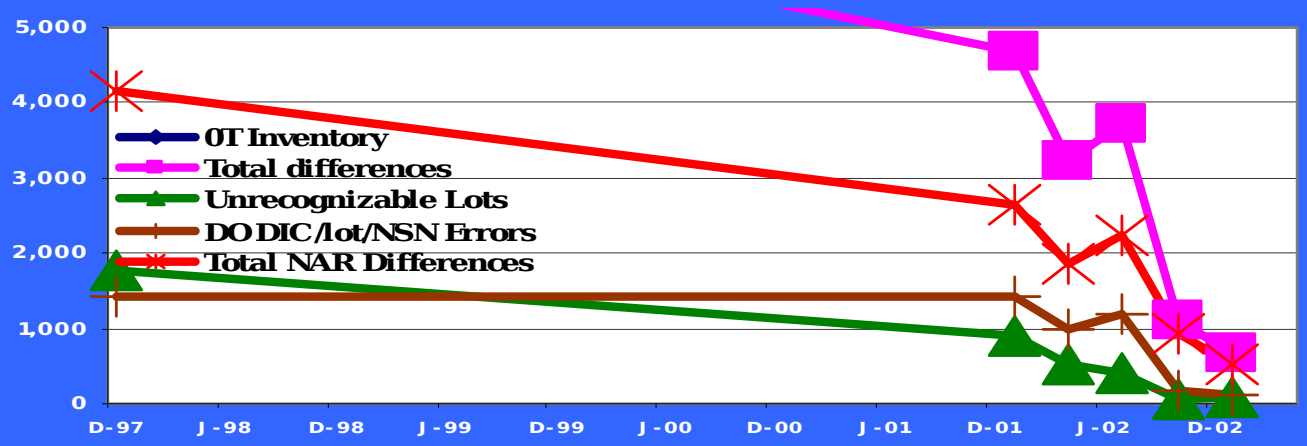
      CLASS V(W) AMMO ACCOUNTING
- **Member of DoD Working Groups/Committees:**
  - **Joint Physical Inventory Working Group (JPIWG)**
  - **Unique Item Tracking Committee (UITC)**
  - **Supply Process Review Committee (PRC)**



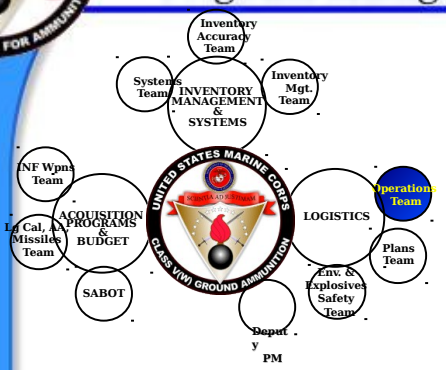
Inventory Accuracy Team

Inventory Accountable Record Review Repo

- Review of Accountable Record Inventory by DoDIC, NSN, Condition Code, Lot Number



	Dec-97	Jan-02	Apr-02	Jul-02	Oct-02	Jan-03
OT Inventory	22882	30064	26750	30708	25370	25071
Total differences	7098	4680	3213	3714	1091	683
Unrecognizable Lots	1777	898	534	408	45	79
DODIC/lot/NSN Errors	1422	1413	980	1201	185	126
Total NAR Differences	4169	2633	1848	2235	916	516



Operations Team

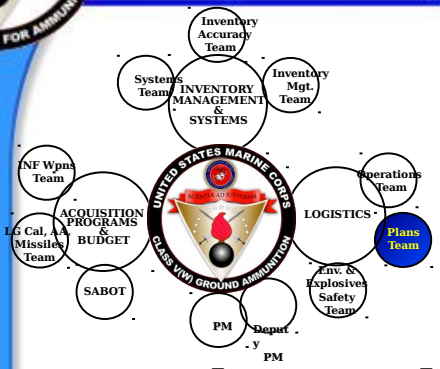
"Provide general support for SDT, Title 10 Security Assistance programs, Geo-Positioned stock program management, and day-to-day operations of PM Ammo"

Peacetime Functions

- **Manage Class V(W) apportioned to the NALMEB program**
- **Support operational issues related to the MPS program**
- **Manage the ammunition liaison program**
- **Support the FMS, DCCEP, State Dept., U.S. Secret Service, etc.**
- **Maintain oversight of the War Reserve Stockpile (WRS- I)**

Wartime Functions

- **Assigns TAC to contingency shipments**
- **Upon orders, initiates personnel recalls for executing contingency support**
- **Supports Crises Response Cell (CRC) operations**
- **Receive, track, and coordinates all incoming/outgoing actions for PM Ammo**
- **Assumes functional control of the CRC at Level 3 (full, 24-hour activation)**



Plans Team

"Oversee, coordinate, and perform the planning of operational logistics support of the Operating Forces and the supporting establishment"

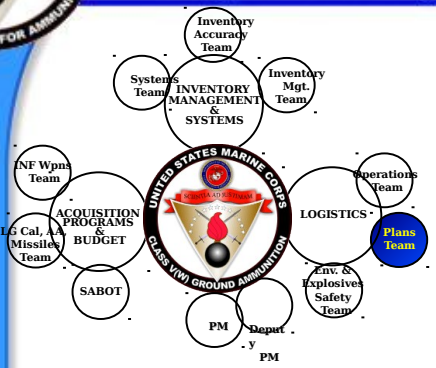
- **Develops and provides recommended Marine Corps Class V (W) ammunition policy to the Deputy Commandant, Installations and Logistics**

- **Leads the Class V (W) Working Group for MPS Tailoring Conferences and develops the MPS Class V prepositioning objective for input into NAVMC 2907**

- **Establishes the Apportioned War Reserve, Marine Ammunition Support Order (AWR-MARSO) to support War Reserve Stocks Force-held (WRS-F) requirements for the Operating Forces**

- **Provides information to Headquarters, Marine Corps (PPO) for input to the Quarterly Readiness Report to Congress (QRRC)**

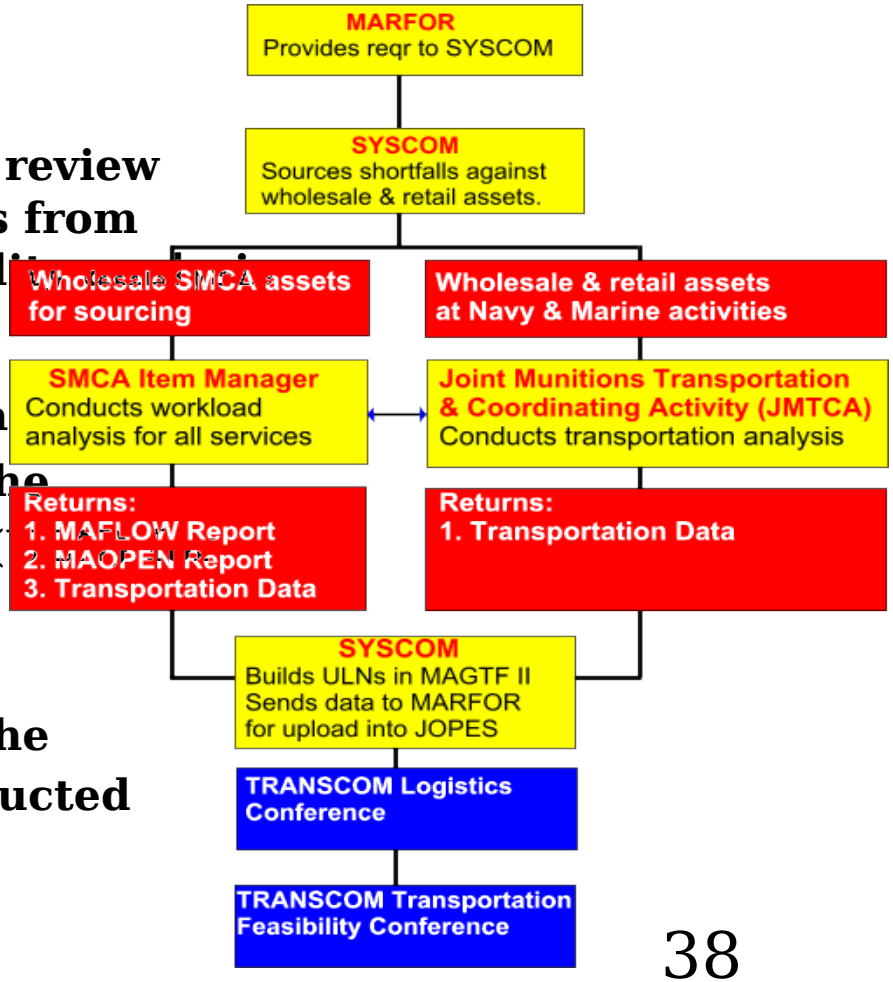
- **Represents PM Ammo at Exercises requiring Ammunition Planners**



Plans Team (con't)

- **Consolidates and coordinates the review of ground ammunition requirements from the Operating Forces for supportabil[illegible] and sourcing determination**
- **Formulates, consolidates, and ana[illegible] required for input to MAGTF II for the development of Unit Line Numbers ([illegible] ammunition sustainment**
- **Provides the requisite files, with the Appropriate level of detail, to be inducted into the to the Class V (W) Time-Phased Force Deployment Data (TPFDD), to the**

TPFDD PLANNING PROCESS



Environmental & Explosives Safety Team

"Provide environmentally compliant, explosives safety support throughout the life cycle of ammunition"

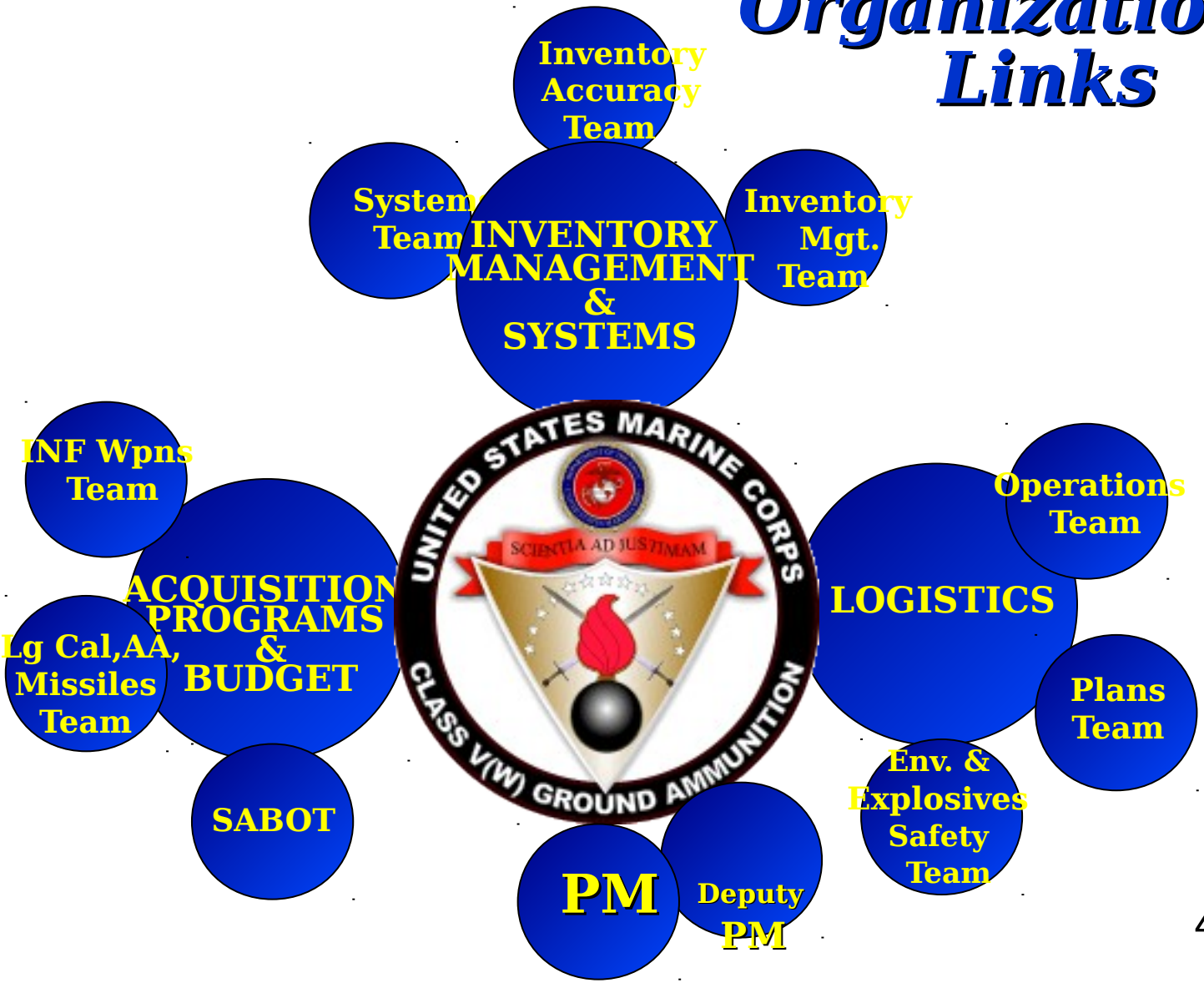
- **HQMC (SD) Designates CG, MCSC "lead" for Explosives Safety (ES) for USMC**
  PM Ammo, on behalf of CG, MCSC executes the Corps wide ES Program
  - **Develop & promulgate ammo management policies in support of Marine Forces**
  - **Ensure compliance with service environmental and explosives safety regulations**
  - **Provide compliant munitions disposition instructions**
- **Guiding Explosives Safety Policies:**
  - **DoDD 6055.9 STD**
  - **OPNAVINST 8010.14/ MCO P8020.11 Explosives Safety Policy Manual**
  - **MCO P8020.10A - USMC A&E Safety Programs for Class V Materiel**
  - **MCO 8023.3A - USMC Qualifica**
- **Serves as Principle on the DOD Explosives Safety Board (DDESB).**
- **Explosives Safety Site Plans/W**
  - **Incorporating ORM & SAFER**

- Tech Assist Visits (TAV)
- Environmental Compliance Evals (ECE)
- Designated Disposition Authority (DDA)

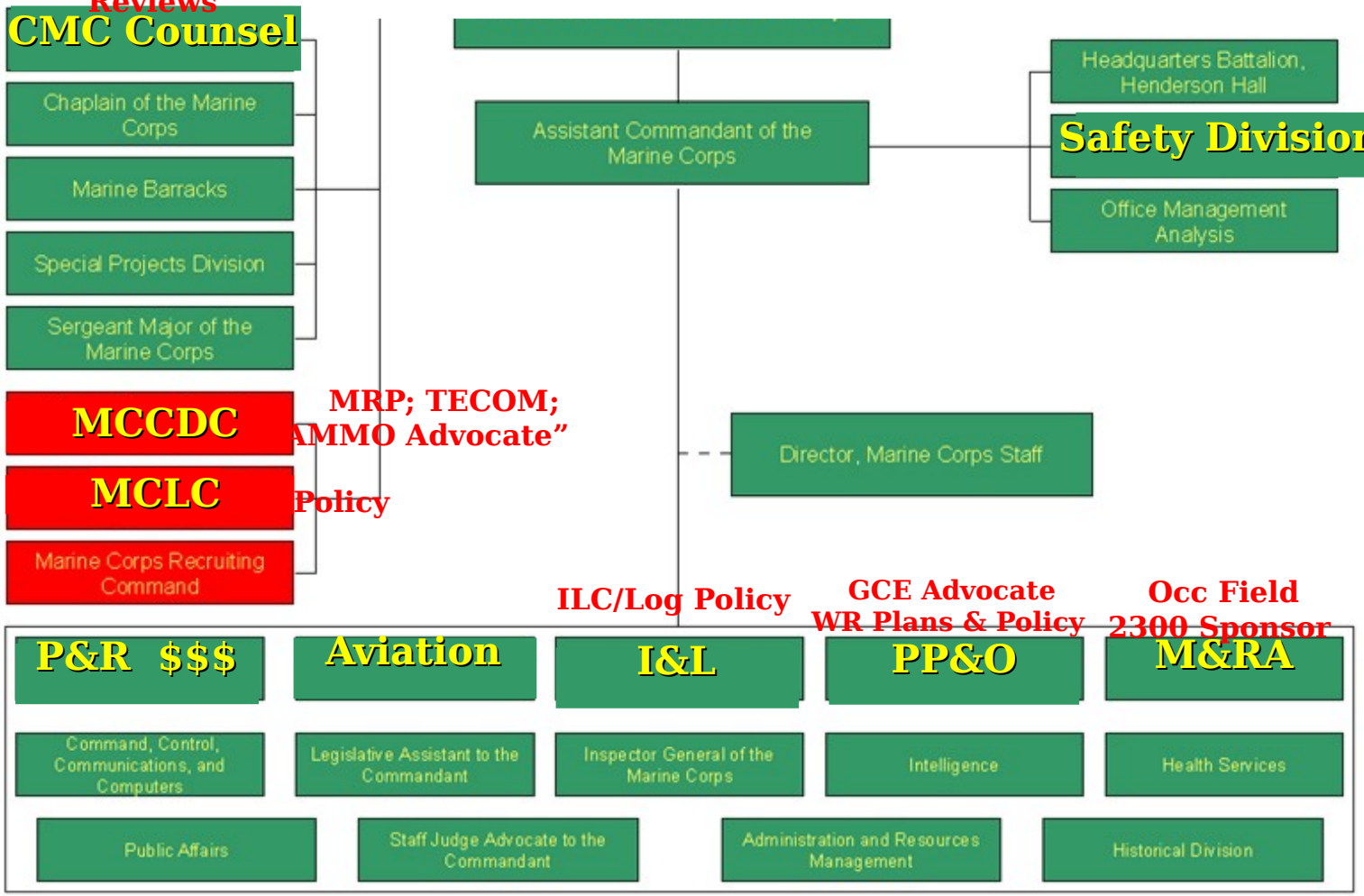
Ammunition Liaisons - T/O 5055

"Provide Class V(W) management oversight for Marine Corps owned ammunition and explosives" - the global eyes and ears for PM Ammunition

Organizational Links



HQMC Links


Legal Reviews
CMC Counsel
Chaplain of the Marine Corps
Marine Barracks
Special Projects Division
Sergeant Major of the Marine Corps
MCCDC
MCLC
Marine Corps Recruiting Command
MRP; TECOM; AMMO Advocate"
Policy
Assistant Commandant of the Marine Corps
Headquarters Battalion, Henderson Hall
Safety Division
Office Management Analysis
Execute USMC Explosives Safety Oversight
Director, Marine Corps Staff
ILC/Log Policy
GCE Advocate WR Plans & Policy
Occ Field 2300 Sponsor
P&R $$$
Aviation
I&L
PP&O
M&RA
Command, Control, Communications, and Computers
Legislative Assistant to the Commandant
Inspector General of the Marine Corps
Intelligence
Health Services
Public Affairs
Staff Judge Advocate to the Commandant
Administration and Resources Management
Historical Division

External Links

JOCG

- EMI/HERO
- Explosives/ Propellants
- Industrial Base Mgt
- Munitions Acq & Transition
- Tech Data/Config Mgt
- Fuze
- QA/Maintenance
- AIT
- Supply
- Demil/Disposal
- Environmental
- Safety
- Acquisition
- Pyrotechnic

ADVOCATE

DC P&R | DC MCCDC | DC PP&O | DC I&L | DC M&RA

NATO

ISO OUSD(AT&L)

- AC310/Subgroup 2&3
- STANAGS
- AOPs
- UK TEA

OEESCM

- Stockpile SC Lead
- Acq. SC Participant

NDIA Munitions Technology Division

- Fuze
- Manufacturing & Processing
- IM & Energetics
- Metal Parts
- MIBTF
- Rockets & Missiles
- Mine, CM, & Demo
- Small Arms
- Demil

FNC's Enabling Capabilities

- 3.1 DSS - DoN OIS
  - Asset Visibility
- 4.1 Expeditionary Logistics

DoN/DoD SYSTEMS SA

- Navy WSESRB
- DoD IM IPT
- DoD Fuze IPT
- Joint Service IM TP
- Navy IMC/IMCG

Joint Ordnance Commanders Group

- Chartered by the Joint Logistics Commanders 19 June, 1985
- JOCG Charter Update July, 1999
- Mission:
- Develop uniform and standard conventional ammunition policies and procedures for the SMCA missions and functions."

"Jointly review all activities within the group's purview involving development, acquisition and production, or support of military munitions systems, subsystems, and components. Identify programs/projects for joint sponsorship/management in which a common need exists"

CG, Joint Munitions Command
Chairman, JOCG

CG, Marine Corps Systems Command
USMC Principal

CMDR, Air Armament Center
USAF Principle

PEO Ammunition
USA Principal

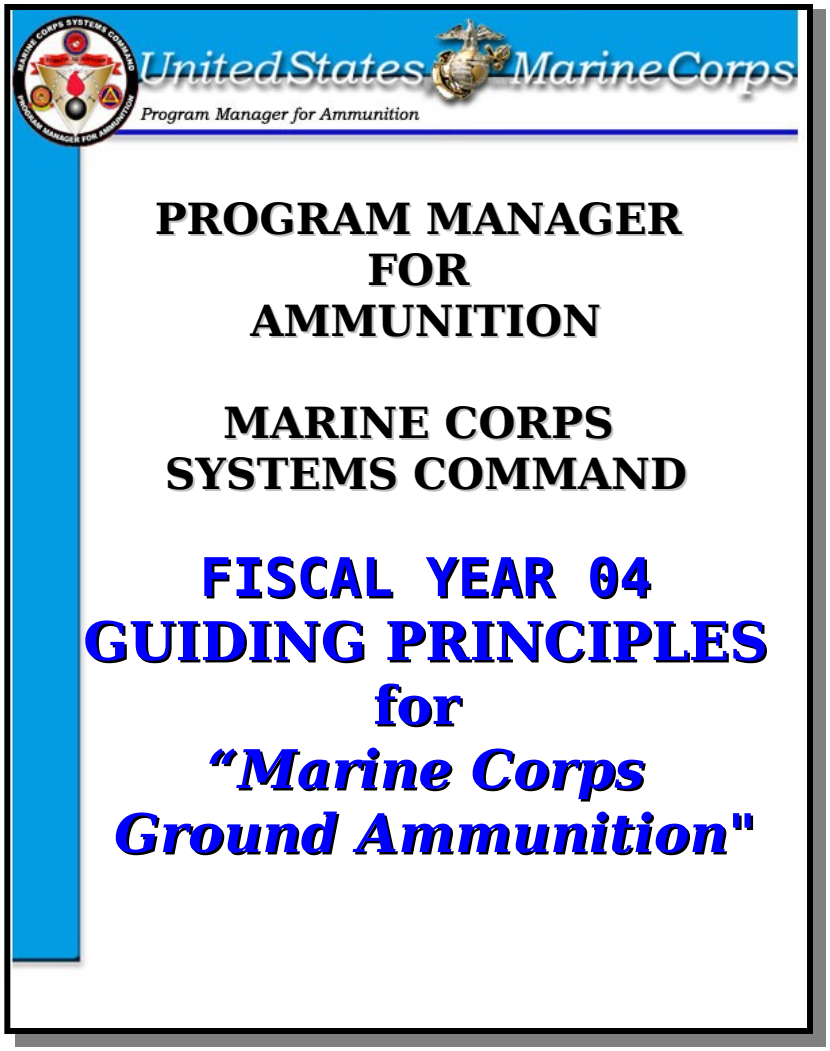
Office of the Chief of Naval Operations (N41)
CMDR, Naval Surface Warfare Center
USN Principal(s)

Guiding Principles

- *We will provide quality munitions to the warfighter via modernization, technology, and stockpile surveillance*
- *We will minimize the logistical footprint, strategic lift, and associated costs by optimally positioning ground ammunition assets for both peacetime training and wartime support of Marine Forces globally*
- *We strive towards optimizing the ground ammunition stockpile to meet our customers needs*
- *We strive to maintain 100% inventory accuracy and asset visibility by the integration of a deployable accounting system capable of reporting and interfacing with all echelons of command*
- *We will ensure good environmental stewardship related to the Life Cycle Management of Marine Corps ground munitions*

Guiding Principles Published Annually

"The conventional ammo roadmap"!



The wide range of responsibilities under one

Program Manager is unique in that,

it provides the Marine Corps with a single point of visibility to assess the quality, quantity, and the positioning of ammunition, and

the ability as the occupational field

Questions ?

UNITED STATES MARINE CORPS
SCIENTIA AD JUSTITIAM
CLASS V(W) GROUND AMMUNITION